

## REMARKS/ARGUMENTS

In the Office Action mailed May 29, 2007, claims 1-14 were rejected. In response, Applicant hereby requests reconsideration of the application in view of the new claims 15-34 and the below-provided remarks. Claims 1-14 are canceled.

For reference, new claims 15-34 are supported throughout the specification, including the original claims. In particular, claims 15 and 28 are supported by original claims 1 and 8, as well as the description at page 10, line 3, through page 4, line 2. Claims 16 and 29 are supported by Figure 1 and the accompanying description at page 9, lines 2-11. Claims 17, 18, and 30 are supported by Figure 1 and the accompanying description at page 9, line 3, through page 10, line 2. Claims 19 and 31 are supported by Figure 1 and the accompanying description at page 7, lines 9-14. Claims 20-23, 32, and 33 are supported by Figure 3, as well as the description at page 10, line 16, through page 11, line 2. Claims 24-26 and 34 are supported by Figure 4, as well as the description at page 14, line 21, through page 15, line 28. Claim 27 is supported by page 3, line 29, through page 4, line 5. Other descriptions within the original claims, drawings, and description provide additional support for the subject matter of some or all of these claims.

### Response to Claim Rejections

Claims 1-14 were rejected under 35 U.S.C. 102(b) as being anticipated by Koo et al. (U.S. Pat. No. 5,345,231, hereinafter Koo). Since claims 1-14 are canceled, these rejections are moot. Moreover, Applicant respectfully submits that new claims 15-34 are patentable over Koo because Koo does not disclose all of the limitations of the claims.

### Independent Claim 15

Claim 15 recites “a monitoring circuit to receive the control signal from the control means and a voltage based on the input voltage, the monitoring circuit to generate a signalizing signal based on a relationship between a voltage threshold value and the voltage, wherein the voltage threshold value corresponds to the control signal” (emphasis added).

In contrast, Koo does not disclose a monitoring circuit to receive a control signal and a voltage. Koo merely describes a voltage regulator 12 which receives only a signal from the rectifier 11, but does not receive any type of control signal. Koo, Fig. 2; col. 6, lines 1-9. Therefore, Koo does not disclose all of the limitations of the claim because Koo does not disclose a monitoring circuit to receive a control signal and a voltage, as recited in the claim.

Additionally, Koo does not describe a voltage threshold value which corresponds to a control signal. Although Koo describes blocking operation of the transponder circuitry when the voltage outputted by the voltage regulator falls below a predetermined minimum level, Koo does not describe any relationship between the predetermined minimum level and a control signal. Therefore, Koo does not disclose all of the limitations of the claim because Koo does not disclose a voltage threshold value which corresponds to a control signal, as recited in the claim.

Accordingly, Applicant respectfully submits that claim 15 is patentable over Koo because Koo does not disclose all of the limitations of the claim.

#### Independent Claim 28

Applicant respectfully asserts independent claim 28 is patentable over Koo at least for similar reasons to those stated above in regard to the rejection of independent claim 15. In particular, claim 28 recites “a monitoring circuit to receive the control signal from the control means and a voltage based on the input voltage, the monitoring circuit to generate a signalizing signal based on a relationship between a voltage threshold value and the voltage, wherein the voltage threshold value corresponds to the control signal” (emphasis added).

Here, although the scope of claim 28 should be interpreted independently of claim 15, Applicant respectfully asserts that the remarks provided above in regard to the rejection of claim 15 also apply to the rejection of claim 28. Accordingly, Applicant respectfully asserts claim 28 is patentable over Koo because Koo does not disclose a monitoring circuit to receive a control signal and a voltage, as recited in the claim. Applicant respectfully asserts that claim 28 is also patentable over Koo because Koo does

not disclose a voltage threshold value which corresponds to a control signal, as recited in the claim.

Dependent Claims 16-27 and 29-34

Claims 16-27 and 29-34 depend from and incorporate all of the limitations of the corresponding independent claims 15 and 28. Applicant respectfully asserts claims 16-27 and 29-34 are allowable based on allowable base claims. Additionally, each of claims 16-27 and 29-34 may be allowable for further reasons, as described below.

In regard to claims 18 and 30, Applicant respectfully submits that claims 18 and 30 are patentable over Koo because Koo does not disclose all of the limitations of the claims. Claim 18 recites “a reference-voltage source to receive the control signal from the control means and to generate the voltage threshold value based on the control signal.” Claim 30 recites a similar limitation. In contrast, Koo does not disclose a reference-voltage source that receives a control signal from control means. Koo merely describes the voltage regulator as using a predetermined minimum level. Koo, col. 6, lines 1-7. As explained above, Koo does not describe the voltage regulator as receiving a control signal and, hence, the voltage regulator does not generate a voltage threshold value based on a control signal. Therefore, Koo does not disclose all of the limitations of the claims because Koo does not disclose a voltage regulator to receive a control signal and to generate a voltage threshold value based on a control signal, as recited in the claim.

In regard to claims 32 and 33, Applicant respectfully submits that claims 32 and 33 are also patentable over Koo because Koo does not disclose all of the limitations of the claims. Claim 32 recites “the control means is further configured to generate a first control signal based on recognition of a read command by the recognition means” and “the reference-voltage source is further configured to generate a first voltage threshold value from a plurality of preset voltage threshold values based on the first control signal, wherein the first voltage threshold value is lower than a second voltage threshold value corresponding to a write command.” Claim 33 recites similar limitations, although directed to a write command, rather than a read command. In contrast, Koo does not disclose generating control signals based on recognition of read/write commands and

generating voltage threshold values based on the corresponding control signals. In other words, Koo does not disclose generating voltage threshold values that ultimately depend on the recognition of read and write commands, as recited in the claims. As explained above, Koo merely discloses the voltage regulator as using a predetermined minimum level. Koo, col. 6, lines 1-7. However, Koo does not describe any relationship between the predetermined minimum level and recognition of read or write commands. Therefore, Koo does not disclose all of the limitations of the claims because Koo does not disclose generating voltage threshold values that depend on the recognition of read and write commands, as recited in the claims.

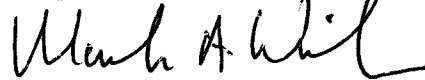
### CONCLUSION

Applicant respectfully requests reconsideration of the claims in view of the new claims presented and the remarks made herein. A notice of allowance is earnestly solicited.

At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account **50-3444** pursuant to 37 C.F.R. 1.25. Additionally, please charge any fees to Deposit Account **50-3444** under 37 C.F.R. 1.16, 1.17, 1.19, 1.20 and 1.21.

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Respectfully submitted,



Mark A. Wilson  
Reg. No. 43,994

Wilson & Ham  
PMB: 348  
2530 Berryessa Road  
San Jose, CA 95132  
Phone: (925) 249-1300  
Fax: (925) 249-0111